

COMBINED DECLARATION AND POWER OF ATTORNEY



As a below named inventor, I hereby declare that:

This declaration is of the following type:

original
 divisional
 continuation
 continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CYCLICAL DEPOSITION OF TUNGSTEN NITRIDE FOR METAL OXIDE GATE ELECTRODE

SPECIFICATION IDENTIFICATION

The specification of which:

is attached hereto
 was filed on February 26, 2002, under Serial No. 10/084,767, executed on even date herewith; or
 Express Mail No.(as Serial No. not yet known)
and was amended on _____ (if applicable)
 was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

No such applications have been filed.

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A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
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B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
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Serial No. **Filing Date**

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I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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Keith M. Tackett	Registration No. 32,008
Douglas H. Elliott	Registration No. 32,982
William B. Patterson	Registration No. 34,102

Send correspondence to: **Direct telephone calls to:**

Patent Counsel	B. Todd Patterson
Applied Materials, Inc.	Moser, Patterson & Sheridan, L.L.P.
P.O. Box 450-A	(713) 623-4844
Santa Clara, CA 95052	

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Full name of sole or first inventor: **SHULIN WANG**

Inventor's signature: Shulin Wang Date: 06/24/02

Residence: 959 Steinway Avenue
Campbell, CA 95008

Post Office Address: Same as above.
U.S.A. Country of Citizenship: P.R. China U.S.A

Full name of second inventor: **ULRICH KROEMER**

Inventor's signature: _____ Date: _____

Residence: Dornburger Str. 43
07743 Jena, Germany

Post Office Address: Same as above.
Germany Country of Citizenship: Germany

Full name of third inventor: LEE LUO

Inventor's signature: _____ Date: _____
Residence: 222 Brunswick Place
Fremont, CA 94539
Post Office Address: Same as above.
U.S.A. Country of Citizenship: U.S.A.

Full name of fourth inventor: AIHUA CHEN

Inventor's signature: _____ Date: _____
Residence: 2278 Quail Bluff Place
 San Jose, CA 95121
Post Office Address: Same as above.
 U.S.A. Country of Citizenship: U.S.A.

Full name of fifth inventor: MING Li

Inventor's signature: _____ Date: _____
Residence: 0800 Homestead Road, Apt. 39-B
Cupertino, CA 95014
Post Office Address: Same as above.
U.S.A. Country of Citizenship: P. R. China

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Inventor's signature: _____ Date: _____
Residence: 959 Steinway Avenue
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U.S.A. Country of Citizenship: P. R. China

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Inventor's signature: _____ Date: 06/17/02
Residence: Dornburger Str. 43
07743 Jena, Germany
Post Office Address: Same as above.
Germany Country of Citizenship: Germany

Full name of **third** inventor: **LEE LUO**

Inventor's signature: _____ Date: _____
Residence: 222 Brunswick Place
Fremont, CA 94539
Post Office Address: Same as above.
U.S.A. Country of Citizenship: U.S.A.

Full name of **fourth** inventor: **AIHUA CHEN**

Inventor's signature: _____ Date: _____
Residence: 2278 Quail Bluff Place
San Jose, CA 95121
Post Office Address: Same as above.
U.S.A. Country of Citizenship: U.S.A.

Full name of **fifth** inventor: **MING LI**

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<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	No
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Germany Country of Citizenship: Germany

Full name of **third** inventor: **LEE LUO**
Inventor's signature: 
Residence: **222 Brunswick Place**
Fremont, CA 94539
Post Office Address: **Same as above.**
U.S.A. Country of Citizenship: **U.S.A.**

Full name of **fourth** inventor: **AIHUA CHEN**
Inventor's signature: _____ Date: _____
Residence: **2278 Quail Bluff Place**
San Jose, CA 95121
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Full name of **fifth** inventor: **MING LI**
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Residence: **0800 Homestead Road, Apt. 39-B**
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- In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

No such applications have been filed.
 Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

C. U.S. Provisional Application filed within 12 months prior to this application

<u>Serial No.</u>	<u>Filing Date</u>
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PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

No such applications have been filed
 Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented</u>	<u>Status</u>	<u>Pending</u>	<u>Abandoned</u>
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POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
Peter J. Sgarbossa	Registration No. 25,610
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DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

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Full name of **second** inventor: **ULRICH KROEMER**

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Full name of **third** inventor: LEE LUO

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Full name of **fourth** inventor: AIHUA CHEN

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Full name of **fifth** inventor: MING LI

Inventor's signature: Ming Li Date: June 19 2002
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(DECLARATION ENDS WITH THIS PAGE)